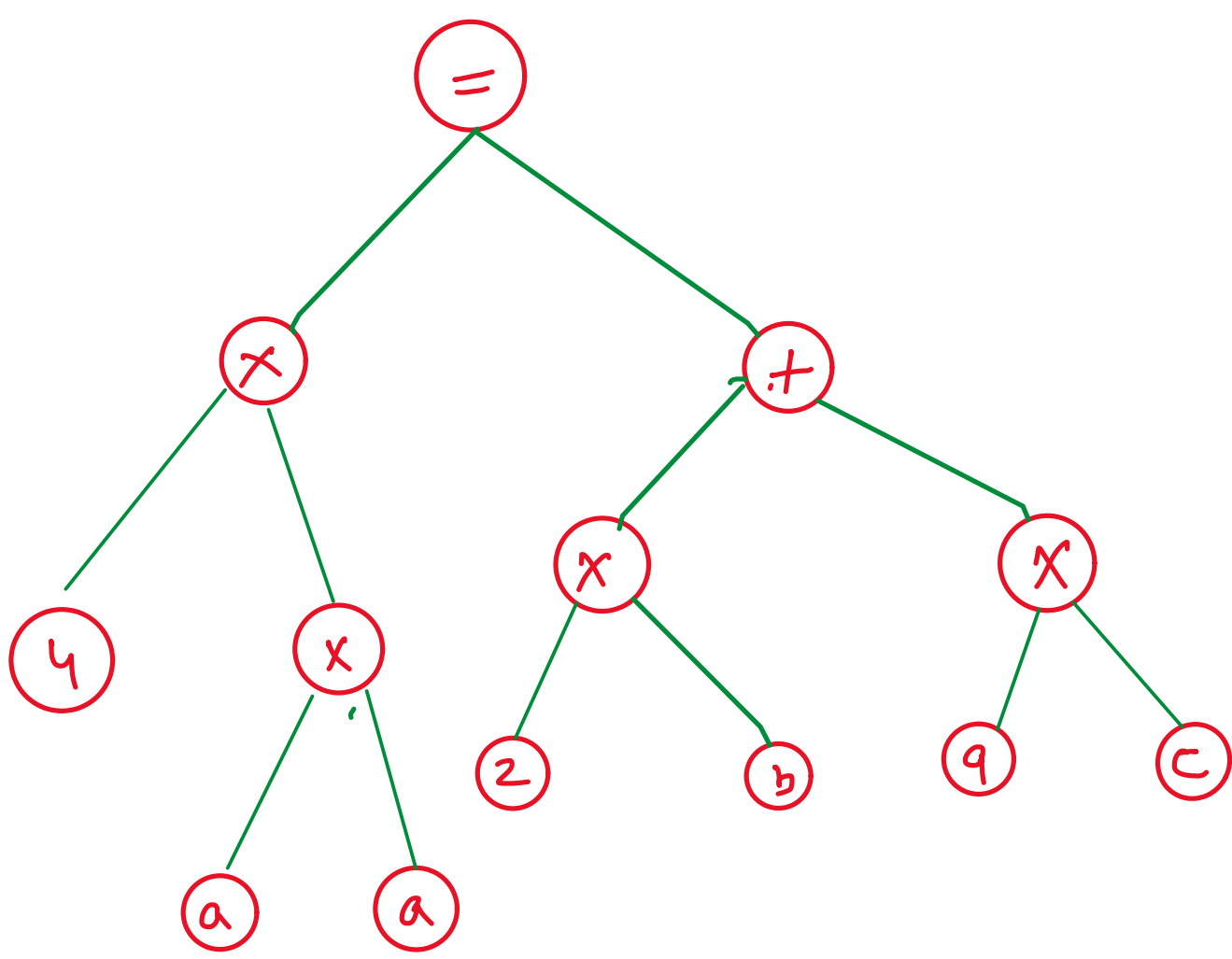


Pre-order:
1263478

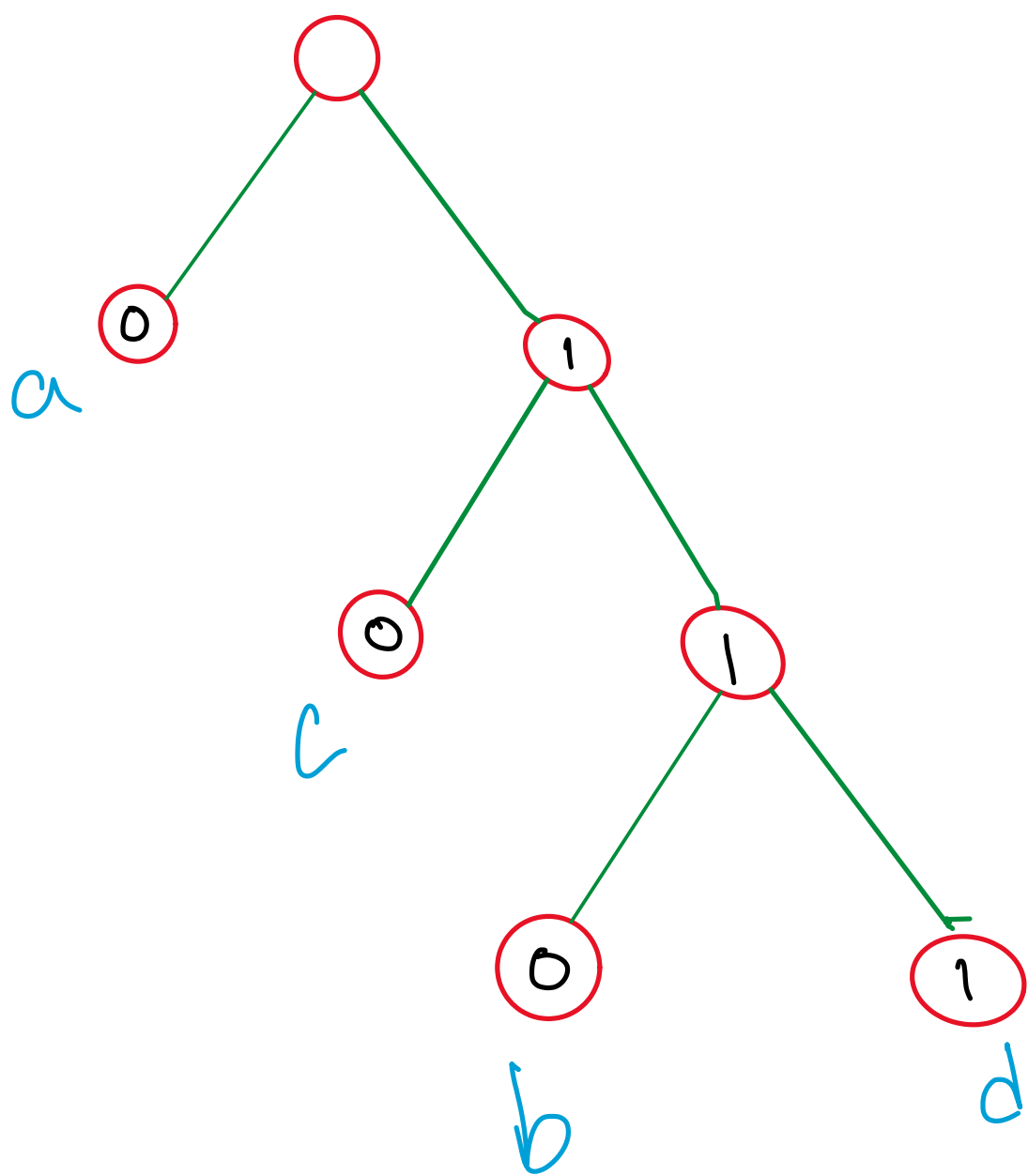
$4a^2 = 2b + 9c$
 $4 * a * a = 2 * b + 9 * c$
 $4 * (a * a) = (2 * b) + (9 * c)$
left root right



Pre-order: $=y-x^3+y^1/a * y^y$
 $y = 3(y+1) - a/y^2$

Storage of messages of upto
4 characters. abcd with
frequency 60, 5, 30, 5 (in percentages)

char	a	b	c	d
freq	60	5	30	5
Code	00	01	10	11
variable	0	110	10	111



Char	a	b	c	d	e	f
freq	45	13	12	16	9	5
fix	000	001	010	011	100	101
Variable	0 45	110 39	1110 48	10 32	11110 45	111110 30

$= 3 \times 100000 = 300,000 \text{ bits}$
 $= 237 \text{ bits}$
 23700000

